Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed		Estima Dam Property	ated age Crops	September 2003 Character of Storm
NEW MEXICO Southeast									
Lea County Hobbs		2028MST I thunderstorms moved d resulted in large hai			0 ast New Mex	0 ico during t	0 the evening of	0 the 9th. An	Hail(0.75) isolated storm became
TEXAS West Andrews County	0.7	1.610.000			0	0	0	0	H 1/0.75
6 E Andrews	07	1610CST			0	0	0	0	Hail(0.75)
	Reported	on State Route 176.							
Andrews County 7 E Andrews to 9 E Andrews	07	1610CST 1615CST			0	0	20K	0	Thunderstorm Wind (EG65)
		ve power poles were boad 1788.	olown down b	y severe thunc	ierstorm wind	is along Sta	ate Route 1/6	near the inte	ersection of Farm to
	hours of t then prop	of four supercell thund he 8th developed over agated southeast acros ad proper) and norther	Andrews Constant	unty. This stor d areas of sout	m resulted in	large hail	and damaging	thunderstor	m winds. The storm
Midland County									
Midland to 5 SE Midland	07	1705CST 1754CST			0	0	5K	0	Thunderstorm Wind (EG57)
		understorm wind gusts				-		orts of simil	ar winds were
Midland County	received.	These winds destroye	d a storage sii	ied along riigh	way 136 sout	neast of the	e city.		
Midland to	07	1715CST			0	0	0	0	Hail(1.00)
5 SE Midland		1748CST							
Midland County	Multiple	reports of penny to qua	arter size hail	were received	from the Mi	lland vicin	ity.		
Midland	07	1735CST 1900CST			0	0	15K	0	Flash Flood
Midland County	Reports in	ndicated several cars s	talled in flash	flood waters of	on Loop 250 a	ıt Fairgroui	nds Road. No	injuries wer	e reported.
Greenwood	07	1750CST 1930CST			0	0	0	0	Flash Flood
	Local offi	cials reported flash flo	ooding that res	sulted in high	water coverin	g city stree	ets in Greenwo	ood.	
Midland County Greenwood	07	1750CST			0	0	0	0	Hail(1.00)
Upton County									
Midkiff		1930CST orm winds blew large	trees and pow	ver lines down	0 in the city of	0 Midkiff.	8K	0	Thunderstorm Wind (EG61)
Dawson County									
14 NNE Lamesa to		2020CST			0	0	250K	3.7M	Hail(1.75)
5 ENE Arvana	2050CST The second supercell thunderstorm to affect the Permian Basin this day resulted in a swath of large hail that damaged property and destroyed cotton and sorghum crops across northeast Dawson County. Hailstones ranging in size from pennies to golfballs fell along U.S. Highway 87 north-northeast of Lamesa. Large hail covered the ground northeast and east of Arvana, also ranging in size from pennies to golfballs. NWS meteorologists interviewed local residents the following day. Several residents indicated the hail fell at								
	over 3.6 m	illion dollars worth of			-	-		-	tural officials indicated windows were
Dawson County	damaged b	by the hail.							
2 E Arvana	Baseball s	2023CST ize hail was reported a	-						
		ddition to the numerou		-		-	_		

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed			mated amage Crops	September 20 Character of Storm
TEXAS West									
Dawson County East Portion	hours o	-	ercell storm trac	ked southeast	across the are	ea, vehicles	were stalled	l in high wat	Flash Flood d into the early morning er on U.S. Highway 87
Dawson County 2 NE Sand to 6 S Sand	07	2200CST 2235CST			0	0	150K	1.9M	Hail(1.75)
353	size hai resulted dollars	ening's third superce I that broke window I in the destruction o	s, caused roof da f local cotton an l damage occurr	amage, and dar ad surgham cro	maged vehicle pps. Post stone	es at rural r e surveys a	esidences in nd interviews	the vicinity s suggest an	resulted in up to golfball of Sand. This storm also additional 1.9 million heir locations to range
Dawson County									
Sand	-	2230CST 0300CST ercell thunderstorm lowing high water. I		-			-	-	Flash Flood closed west of Lamesa rted.
Martin County									
13 NW Tarzan	up to the	2235CST vening's third super- e size of golfballs co due to drifted hail.		-			-		Hail(1.75) Martin County, large hail ed a section of the
Gaines County									
20 SE Seminole		-	-				_		Hail(0.75) stern Gaines County. o Andrews County.
Andrews County									
16 E Andrews to 20 E Andrews		0020CST 0035CST hunderstorm winds percell stone moved				0 ghway 176	75K east of Andr	0 ews to near	Thunderstorm Wind (EG70) the Martin County line
Andrews County									
20 E Andrews	_	0025CST 0035CST ilstones ranging in s ews/Martin County		-	0 vered the grou	0 and and stri	0 pped the leav	0 ves from tree	Hail(1.00)
Martin County 13 W Tarzan		0025CST 0035CST ilstones ranging in s ews/Martin County		•	0 ered the grou	0 nd and strij	0 oped the leav	0 res from tree	Hail(1.00) s at a rural residence on
Martin County									
15 SW Tarzan	the field s tornado w south-sou	storm spotting, and a	WFO Midland areas of southwe ection of Highwa	staff meteorolo st Martin Cour ays 349 and 17	ogist who was nty, approxim 76. Due to a la	s looking n nately three ack of roads	orth from the miles west of leading into	office, obserted of Highway 3	Tornado (F0) neteorologist who was in erved a tornado. The 349 and eight miles nited rangeland where
Martin County									
12 SW Tarzan	was calle	_	time this night t	-			-	-	Hail(1.75) rtation in Martin County remained closed due to

high hail drifts for at least nine hours.

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numb Pers Killed			nated mage Crops	September 2003 Character of Storm		
TEXAS West											
Martin County 13 W Tarzan to 13 SW Tarzan	08	0105CST 0110CST			0	0	120K	0	Thunderstorm Wind (EG78)		
15 SW Taizan	occlusion crossed 6 miles sindicative to twent which w	m which produced on process occurred Highway 349. The south of that interse we of an intense dow y-five) from the interse as snapped at the b	This transition most intense dark ction. This dame who the foresection of High ase, was rated to tunderstorms morning hours of the	resulted in a binage occurred age correlated award flank do hways 349 and o withstand 80 oved southeast as 8th. These st	road swath of along the stro with a strong wndraft of th 176, south to MPH winds. across the no orm produce	etch of High low level d e storm. The o ten miles s orthern Perm d devastatir	g and damagi nway 349 fro ivergent patt ese winds blo south of that nian Basin du	ng southwe m the inters ern in radar ew down nu intersection uring the lat damaging	merous power poles (up . On metal light pole, e afternoon and evening winds, flash flooding, and		
Midland County											
20 S Midland	08 Reported	1910CST d on Highway 349.			0	0	0	0	Hail(0.75)		
Midland County											
15 S Midland	08	1930CST 2045CST			0	0	0	0	Flash Flood		
Pecos County 24 SSW Bakersfield	with the r flooding. severity. 10 Large lim	northern (left movin The storm remaine 1625CST	ng) member weal d over sparsely p eral inches" in di	kening and the populated areas ameter were br	southern (rig s, and docum 0	tht moving) ented report 0	cell becomings are not like	ng severe w ely represen 0	The storm initially split, ith large hail and flash tative of the storm's Thunderstorm Wind (EG57) east Pecos County by		
Scurry County											
2 W Knapp	Two reported	10 1937CST 0 0 10K 250K Hail(2.75) 1950CST Two reports were received of baseball size hail along Farm to Market Road 1610 west of Knapp. The local newspaper editor reported windows knocked out of rural homes by the large hail stones. Several second hand reports of crop damage were received,									
Mitchell County	but local	authorities said the	damage was ver	y isolated in n	ature. Roof a	nd vehicle d	lamage also	resulted.			
Colorado City to 4 WSW Colorado City	10 Golfball l	1955CST 2007CST hail was reported in	the Colorado C	ity vicinity.	0	0	0	0	Hail(1.75)		
off Davis County	the 10th.		as included the n	ortheast Permi	an Basin, wh	ere hail as l	arge as basel	oalls was re	afternoon and evening of ported. Despite multiple		
eff Davis County NW Ft Davis	11	1745CST			0	0	0	0	Thunderstorm Wind (MG74)		
	gust of 85	_	d at 1745 CST a	nd a gust of 82	MPH was re				ntory on Mount Locke. A ry staff reported no		
eff Davis County 9 NW Ft Davis	11	1750CST			0	0	0	0	Hail(1.00)		
off Davis Court	Penny to	quarter size hail co	vered the ground	at the McDon	ald Observat	ory on Mou	nt Locke.				
eff Davis County Ft Davis	11	1801CST			0	0	0	0	Hail(1.75)		
	Large hail ranging from quarter to golfball size covered the ground in Fort Davis.										

TEXAS West		Time Local/	Path Length	Path Width	Per	ber of		nage	September 2003		
	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm		
Brewster County 5 ENE Alpine to 7 ENE Alpine	11	1834CST 1842CST			0	0	0	0	Hail(1.75)		
, ENE Implie	Nickel	to golfball size hai	l was reported ne	ear the intersec	tion of High	wave 67 and	1 90				
		-	-		_	-		ms hecame s	severe resulting in very		
		thunderstorm winds	-	-					- ·		
Upton County											
1 E Midkiff	13 14	2325CST 0130CST			0	0	0	0	Flash Flood		
D	Law of	fficials reported flas	h flooding result	ing in high wa	ter flowing o	over Farm to	Market Road	d 2401 just e	ast of Midkiff.		
Reagan County 10 NW Texon	14	0023CST			0	0	0	0	Hail(1.75)		
TO IVW TEXOII		ed at a rural gas pla	nt on the Unton/I	Reagan Counts					Han(1.73)		
Upton County	Keporo	eu at a turai gas piai	it on the Opton/i	xeagan County	Time just on	of Faill to	Wai Ket Koac	1333.			
14 NE Rankin	14	0023CST			0	0	0	0	Hail(1.75)		
	Report	ed at a rural gas pla	nt on the Upton/	Reagan County	y line just of	f of Farm to	Market Road	1 1555.			
Reagan County											
20 N Big Lake	14	0030CST 0145CST			0	0	0	0	Flash Flood		
	Flash fl	looding resulted in I	Highway 137 bei	ng inundated b	y by high w	ater, resultii	ng in the high	way becomi	ng impassable.		
Pecos County											
6 S Iraan	14	0626CST 0945CST			0	0	0	0	Flash Flood		
	Law enf	Law enforcement officials reported up to eight inches of high water flowing over Highway 349 as a result of flash flooding.									
	Severe t	Severe thunderstorms, including an isolated supercell over Upton and Reagan Counties, developed along and just north of an									
	advanci	ng cold front during	the overnight ho	ours and early i	morning hou	rs of the 13t	th and l4th. T	hese storms	resulted in large hail up		
Pecos County	to the six	ze of golfballs and f	lash flooding.								
3 N Coyanosa	25	0515CST 0730CST			0	0	0	0	Flash Flood		
	The inte	ersection of Farm to	Market Roads 1	776 and 1450 v	was closed d	ue to high w	ater.				
Midland County											
Midland	25	0845CST			0	0	0	0	Flash Flood		
		1100CST									
	Flash flooding resulted two to three feet of water in some city streets. Motorists reported high water up the hoods of cars. No repor of disabled vehicles were receive, and there were no injuries.								oods of cars. No reports		
Upton County											
North Portion	25	0915CST 1130CST			0	0	0	0	Flash Flood		
	due to hi	ainfall resulted in fla igh water nineteen n Flash flooding was	niles northwest o	of Rankin. High	n water in Ni	ine Mile Dra	aw flooded H		hway 329 was closed nine miles north of		
Reagan County											
36 NW Big Lake	25	1007CST 1200CST			0	0	0	0	Flash Flood		
	Flash flo	ooding resulted in h	igh water flowin	g over Farm to	Market Roa	id 2401.					
Howard County											
Big Spring	25	1130CST 1330CST			0	0	50K	0	Flash Flood		
	vehicles	Flash flooding in the city streets of Big Spring resulted in a dangerous situation for motorists. Local authorities reported "numerous" vehicles stalled in up to three feet of flowing water in city streets. Rescue workers removed several people from vehicles which were submerged up to the windshields in the flood waters. No injuries were reported.									
Mitchell County	25	1250000	4	20	0	0	2501/	0	Towneds (El)		
Colorado City to 1 W Colorado City	25	1250CST 1255CST	1	30	0	0	250K	0	Tornado (Fl)		

		Time Local/	Path Length	Path Width	Number of Persons		Estimated Damage	September 2003
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm

TEXAS West

A tornado developed along Farm to Market Road 1983 just west of Colorado City, approximately one half mile south of Interstate Business 20. The tornado initially moved northwest, and produced light damage to two mobile homes along 1983. An eyewitness who observed the tornado during its early stages described the tornado as a tall and narrow vortex which lofted debris approximately 200 feet into the air.

The tornado began moving west along Interstate Business 20. Part of the roof was blown off of the KVCM-KAUM Radio station. The tornado then strengthened as it moved through a rural residential neighborhood immediately south of Business 20. A house west of the radio station lost part of its roof, a car port, and a storage barn. Two campers were destroyed at this residence, with one being deposited southeast (upwind) of its original location. Utility poles and trees were also damaged.

F1 damage was sustained to the next house along the path to the west. Tornadic winds damaged the garage door of this well built home on the northeast comer of the structure. After the garage door was compromised, high speed winds (estimated between 90 and 100 MPH) entered the remainder of the structure, and the roof blew off. Large pieces of roof debris knocked down utility poles, damaged large trees, and moved vehicles located downwind of the house. The adjacent house to the west was also sustained damage from flying debris.

A home owner two houses further west observed the the tornado, and fled in his vehicle on Business 20. He observed the dissipation of the debris-filled tornado, and watched as large pieces of roof were deposited on his property causing additional minor damage.

Mitchell County Colorado City

25 1256CST 0 0 0 0 Flash Flood 1400CST

Local law enforcement officials reported high water flowing in many city streets as a result of flash flooding.

Very moist atmospheric conditions, a cold front, and sufficient upper level dynamics resulted in a broad band of moderate to occasionally heavy rainfall which developed over the Trans Pecos region of West Texas during the morning hours, and moved from southwest to northeast across the Permian Basin throughout the day. Strong convection embedded within the large precipitation shield resulted in flash flooding

A weak, but damaging, tornado struck near Colorado City during the early afternoon. The tornado developed as a narrow line of non-supercellular thunderstorms formed within the rain shield near the surface cold front.